LS1020

Ecoline infrared light beam

Easy–to–install Ecoline infrared light beam for indoors and outdoors! This light barrier monitors an area of up to 20m. Smart anti–sabotage protection of the transmitter and receiver guarantees the highest level of operational safety. Use the Ecoline infrared light beam in combination with our alarm systems for monitoring hallways, doors or parking spaces. And clever solutions such as video monitoring system control or illumination control can be easily implemented. Advantage over PIR motion detectors: The Ecoline infrared light beam only detect movement passing through a precisely defined line, not motions inside an area. Thus, passers–by are not detected as long as they do not walk through the invisible line. Delivery kit: Infrared transmitter (Tx) with a faceplate, infrared receiver (Rx) with a faceplate, 4 housing screws.

Product highlights:

- Reliable detection range up to 20 m
- Relay switching and LED signal when tripped
- Anti–sabotage monitoring of the transmitter and receiver by means of lid contact
- Can be used outdoors: IP66

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Technical Data	
Type of detection:	Active infrared light barrier (single light barrier, pulsed)
Range (indoors/outdoors):	20 m
Power supply:	12–24V AC/DC
Current consumption:	Tx: 20 mA/ Rx: 25 mA
Response time/interruption time:	100 ms
Alarm output (Rx):	Relay (NO/NC) 1A / 120V AC
Sabotage output (Tx/Rx):	NC contact 1A / 120V AC
LED alarm indication (Tx/Rx):	Green when voltage present/red when tripped
Max. intensity of extraneous light:	Light sources <10000 lux/ sunlight <30000 lux
Operating temperature:	–20 °C to 60 °C
Degree of protection:	IP66
Dimensions: (WxHxD)	46x95x34 mm

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